

IN THE SPECIFICATION:

At page 1, please add the following new paragraph after the title:

CROSS-REFERENCE TO RELATED APPLICATION

This application is the U.S. National Stage of International Application Number PCT/IB2002/004551 filed October 31, 2002 and published in English May 13, 2004 under International Publication Number WO 2004/040461 A1.

At page 1, the paragraph beginning after the heading “Background of the Invention” has been amended as follows:

A mobile terminal in the form of a mobile (cellular) telephone for a telecommunications system like GSM, UMTS, D-AMPS or CDMA2000 is a familiar example of a communication apparatus according to the above. SMS messages are a popular type of electronic message that may be received by such a mobile terminal. In a contemporary mobile terminal for e.g. example a GSM mobile terminal, receipt of an SMS message is typically indicated as shown in FIG 2: an informative text 202 like "n message received", where n=1 in FIG 2, is presented on a display 200 of the mobile terminal. The informative text 202 typically disappears and is replaced by other information if, for instance, the user chooses to read the particular message by selecting a Read menu option 212, or chooses not to read the particular message by selecting an Exit menu option 214, or when an incoming call is announced, etc. Thus, in addition, a contemporary mobile terminal may use an envelope icon 204 which remains visible on the display 200 as long as there are unread messages in the mobile terminal.

At page 4, the first two paragraphs following the heading “Summary of the Invention” have been amended as follows:

In view of the above, an objective of the invention is to solve or at least reduce the problems discussed above. In more particularMore particularly, a purpose of the invention is to provide an improved manner of indicating receipt of electronic messages in a communication apparatus.

Generally, the above objectives are achieved by a communication apparatus and a method of indicating receipt of an electronic message, and a server, a method and a computer program product for providing a computerized icon ordering service according to the attached independent patent claims as described below.

At page 8, the 2nd full paragraph has been amended as follows:

As still ~~another~~ alternative, the computerized icon ordering service may be performed by letting the user physically connect his/her communication apparatus, via a contact interface thereof, to a download or reprogramming station, so as to select the desired icon and download it through the contact interface to be stored within the communication apparatus.

At page 10, the paragraph following the heading “Detailed Description of the Invention” has been amended as follows:

First, with reference to FIGs ~~FIG~~ 1, one example of a telecommunication system in which the invention may be applied will be briefly described. Then, with reference to FIGs 2-12, some preferred embodiments of the invention will be described in more detail.

At page 12, the last paragraph which then ends on page 13 has been amended as follows:

Naturally, the size and color of the icons, as well as their location, can be varied in various ways on the display. A smaller icon size allows the display to accommodate more icons, whereas a larger size provides for more detailed icons and thereby greater diversity and usability. In case there are more icons to be presented than the display area can accommodate, the icons may be shown as alternating icon matrices on the display. For instance, the size of an individual icon may be in the order of 10x15 pixels, which will allow presentation of a 3x3 matrix of received message icons next to an informative text like "n messages received", even in a small-sized display. Alternatively, the icons may be provided as a train of icons floating or scrolling across the screen, so as to allow presentation of ~~an excessive~~ a

large number of received message icons which altogether may not be displayable at once.

At page 14, the 2nd paragraph has been amended as follows:

The software also includes various modules, protocol stacks, drivers, etc., which are commonly designated as with reference numeral 830 and which provide communication services (such as transport, network and connectivity) for an RF interface 806, and optionally a Bluetooth interface 808 and an IrDA interface 810. The RF interface 806 comprises an internal or external antenna as well as appropriate radio circuitry for establishing and maintaining a wireless link to a base station (e.g. the link 102 and base station 104 in FIG 1). As is well known to a man skilled in the art, the radio circuitry comprises a series of analogueanalog and digital electronic components, together forming a radio receiver and transmitter. These components include, i.e.inter alia, band pass filters, amplifiers, mixers, local oscillators, low pass filters, AD/DA converters, etc.

At page 18, the second paragraph has been amended as follows:

Then, in a step 902 the SMS application 850 processes the control data portion 858856 of the new message 852. ~~In more particular~~More particularly, it extracts the sender's telephone number 857 and then, in a step 904, inquires of the phonebook application 840 whether the extracted telephone number exists in the phonebook. The phonebook application 840 searches all of the phonebook entries 842 and responds, in case of a match, to the SMS application 850 with the matching icon. The exact format of the response will depend on the way in which the icon is represented in the Icon data field 846 (see previous section for details). Thus, the response from the phonebook application 840 may contain the actual icon image data, or a link or identifier to a separate image file, as the case may be.

At page 19, the last paragraph through page 20 has been amended as follows:

If on the other hand it is determined in step 1004 that the identity of the user is known, the web server 122 inquires of a database, etc., to fetch in step 1010 a prestored mobile phone number which is associated with the user. Then, in step 1012, the web server 122 generates an outgoing SMS message, which in its control

data portion may have message type-specific data with an indication that the SMS is of a type that will carry settings data rather than pure message text. The way in which settings data is indicated and carried may be done in essentially the same way as for instance WAP settings are indicated and carried in contemporary 2G/2.5G mobile telecommunications systems. Icon data for the selected icon may be put in the message data portion of the generated outgoing SMS message. As mentioned in conjunction with FIG 8, the message data portion 859 of an SMS message may contain 140 octets and thus allow for transport of an icon image with a size up to $140 \times 8 = 1120$ bits. Such a size is sufficient for a small icon, even in color or grayscale.